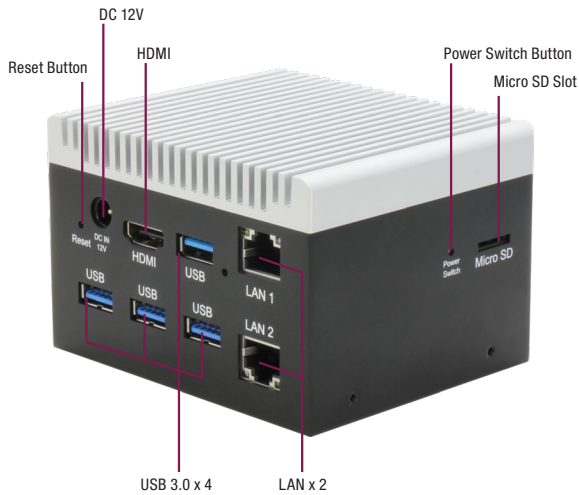


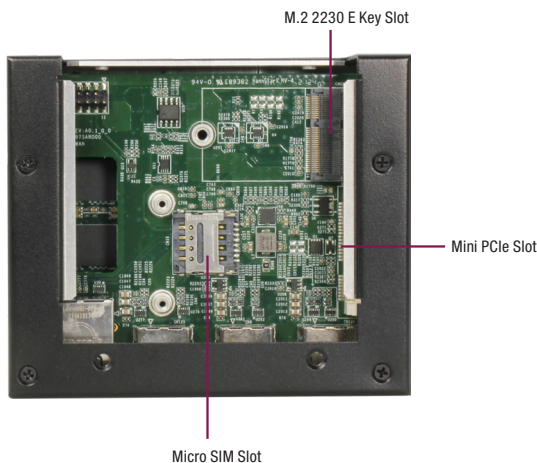
Front View



Rear View



Bottom View



Features

- Intel Atom X5-E3940 Quad Core 1.6GHz
- Onboard LPDDR4 4 GB / eMMC 32G
- Built-in Micro SD Card Slot x 1
- HDMI output x 1
- Gigabit Ethernet RJ-45 x 2 LAN port
- USB 3.0 x 4
- M.2 E key x 1 (For Wifi/BT Module)
- Mini PCIe connector x 1 (For 4G LTE Module)
- CE-RED Certified

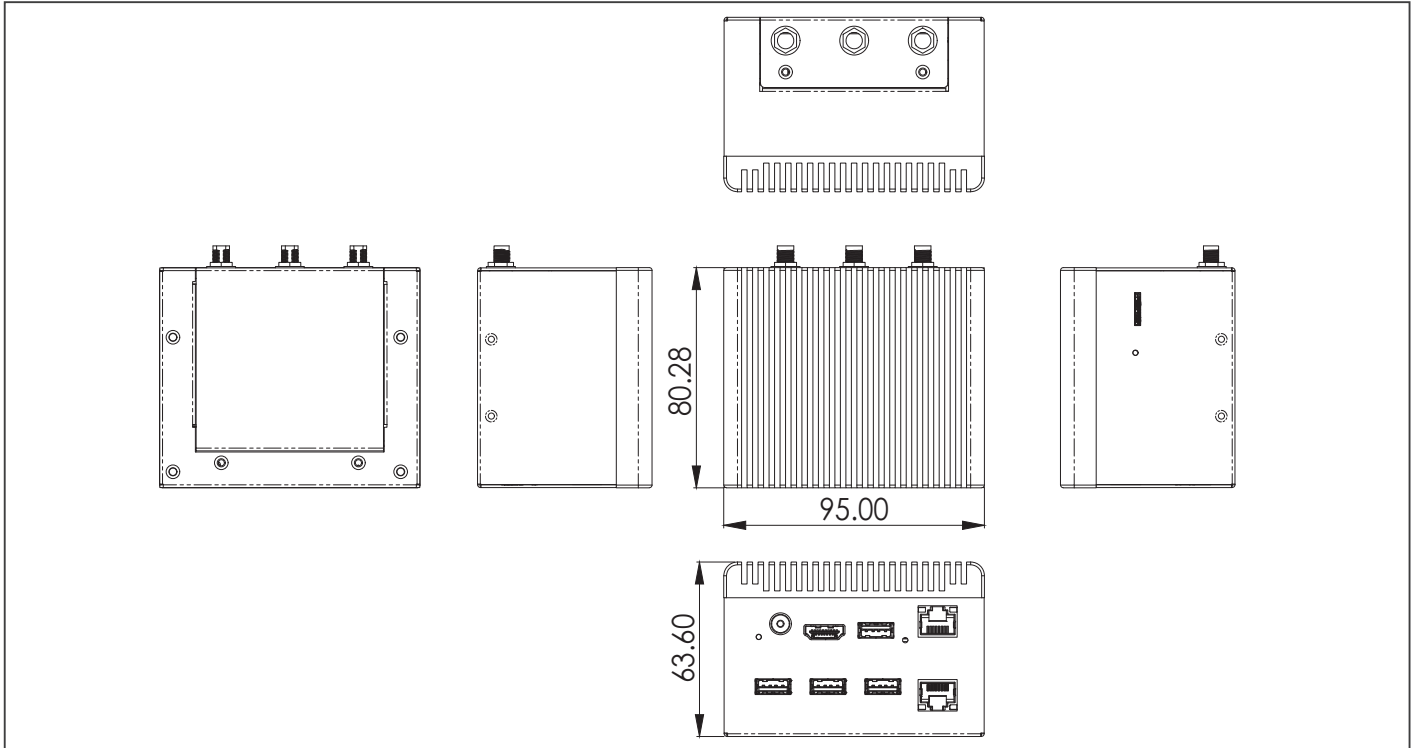


Specifications

| System | |
|------------------------------|---|
| Processor | Intel Atom X5-E3940 Processor SoC / Intel HD 500 Graphics |
| Memory | Onboard LPDDR4 1866MHz 4GB / 8GB (Optional) |
| Storage | eMMC 5.1 32GB / 64GB (Optional) |
| Real Time Clock | RTC x 1, with 3V CR2032 Lithium battery |
| Security | — |
| Indicators | — |
| Cellular | Mini PCIe Connector x 1 |
| Wireless Lan | M.2 2230 E Key slot x 1 |
| Operating System | Windows 10 IoT Enterprise / Linux (by request) |
| Support Protocol | — |
| I/O Interfaces | |
| Serial Port | — |
| Ethernet | Gigabit Ethernet x 2, RJ-45 |
| USB | USB 3.0 x 4, Type A |
| ADC | — |
| DI/DO | — |
| CAN Bus | — |
| Display | HDMI 1.4 x 1 |
| Power Connector | DC Jack |
| Debug Port | — |
| Expansion Slot | SIM card slot x 1 Micro SD slot x 1 |
| Other Interface | Power switch button x 1 Reset switch button x 1 Antenna x3 (Optional) |
| Power Supply | |
| Power Requirement | 12V DC-In @ 3A-5A 5.5/2.5 mm |
| Power Consumption | 20 W (Full Loading) |
| MTBF (Hours) | 516,789 |
| Environmental and Mechanical | |
| Dimension | 3.16" x 3.7" x 2.5" (80.28 x 95 x 63.6 mm) |
| Weight | 1.94lb (880g) |
| Mount Options | Wall Mount / DIN Rail (Optional) |
| Operation Temperature | 32 °F ~ 140 °F (0 °C ~ 60 °C) |
| Storage Temperature | -40 °F ~ 176 °F (-40 °C ~ 80 °C) |
| Operation Humidity | 10% ~ 95% relative humidity, non-condensing |

Dimension

Unit: mm



Ordering Information

| Part Number | CPU | Memory | Thermal | Ports | Storage | LAN | USB | Expansion slot | Power | Operation Temp. | Others |
|---------------------|-----------------------------|----------------------------|---------|-------------------|-----------------------|---------|-------------|---|--------|------------------------------|-------------------------------------|
| SRG-APL-A10-0432 | Intel Atom X5-E3940, 1.6GHz | Onboard LPDDR4 1866MHz 4GB | Fanless | HDMI x 1 (Output) | eMMC 32GB, MicroSD x1 | GbE x 2 | USB 3.0 x 4 | Mini PCIe slot x 1, M.2 2230 E Key slot x 1 SIM card socket x 1 | DC 12V | 0°C ~ 60°C @ 0.5 m/s airflow | 4G LTE & Wi-Fi/BT Module (Optional) |
| SRG-APL-A10-0832 | Intel Atom X5-E3940, 1.6GHz | Onboard LPDDR4 1866MHz 8GB | Fanless | HDMI x 1 (Output) | eMMC 32GB, MicroSD x1 | GbE x 2 | USB 3.0 x 4 | Mini PCIe slot x 1, M.2 2230 E Key slot x 1 SIM card socket x 1 | DC 12V | 0°C ~ 60°C @ 0.5 m/s airflow | 4G LTE & Wi-Fi/BT Module (Optional) |
| SRG-APL-A10-0464 | Intel Atom X5-E3940, 1.6GHz | Onboard LPDDR4 1866MHz 4GB | Fanless | HDMI x 1 (Output) | eMMC 64GB, MicroSD x1 | GbE x 2 | USB 3.0 x 4 | Mini PCIe slot x 1, M.2 2230 E Key slot x 1 SIM card socket x 1 | DC 12V | 0°C ~ 60°C @ 0.5 m/s airflow | 4G LTE & Wi-Fi/BT Module (Optional) |
| SRG-APL-A10-0864 | Intel Atom X5-E3940, 1.6GHz | Onboard LPDDR4 1866MHz 8GB | Fanless | HDMI x 1 (Output) | eMMC 64GB, MicroSD x1 | GbE x 2 | USB 3.0 x 4 | Mini PCIe slot x 1, M.2 2230 E Key slot x 1 SIM card socket x 1 | DC 12V | 0°C ~ 60°C @ 0.5 m/s airflow | 4G LTE & Wi-Fi/BT Module (Optional) |
| SRG-APL-A10-WB-0432 | Intel Atom X5-E3940, 1.6GHz | Onboard LPDDR4 1866MHz 4GB | Fanless | HDMI x 1 (Output) | eMMC 32GB, MicroSD x1 | GbE x 2 | USB 3.0 x 4 | Mini PCIe slot x 1, M.2 2230 E Key slot x 1 SIM card socket x 1 | DC 12V | 0°C ~ 60°C @ 0.5 m/s airflow | Wi-Fi/BT Module |

Installation Scenario



DIN-Rail Mount Illustration



Wallmount Illustration

Packing List

- SRG-APL

Optional Accessories

- **9741EG25G0**
PCIe mini card. 4G LTE module. For Global Band. with cable & antenna. Quectel. EG25-G
- **9686Y00173**
M.2 2230 E Key Wireless module. 802.11a/b/g/n/ ac.with BT5.0.Enli.ENL-R8822CE
- **9651SAPL01**
Wall mount kit. 80x18mm. SRG-APL series
- **9651SAPL02**
DIN rail kit. 47x25mm. SRG-APL series
- **1255300409**
12v/3.34A. Power Adapter
- **1702031802**
POWER CORD.1.8M. for USA
- **1702031803**
POWER CORD.1.8M. for EU
- **170203180E**
POWER CORD.1.8M. for Japan.